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*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

### United States Patent

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*If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.*

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*Bence Lehman*

Commissioner of Patents and Trademarks

*Dandra J. Morton*

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*If the application for this patent was filed on or after December 12, 1980, maintenance fees are due three years and six months, seven years and six months, and eleven years and six months after the date of this grant, or within a grace period of six months thereafter upon payment of a surcharge as provided by law. The amount, number, and timing of the maintenance fees required may be changed by law or regulation. Unless payment of the applicable maintenance fee is received in the Patent and Trademark Office on or before the date the fee is due or within a grace period of six months thereafter, the patent will expire as of the end of such grace period.*



US005549330A

## United States Patent [19]

Wells

[11] Patent Number: 5,549,330

[45] Date of Patent: Aug. 27, 1996

## [54] QUICK RELEASE SKI POLE AND STRAP SYSTEM

[76] Inventor: Galen Wells, 9116 NE. 96th St.,  
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[21] Appl. No.: 413,919

[22] Filed: Mar. 29, 1995

## Related U.S. Application Data

[62] Division of Ser. No. 154,865, Nov. 18, 1993, Pat. No. 5,443,287.

[51] Int. Cl.<sup>6</sup> ..... A63C 11/22

[52] U.S. Cl. .... 280/822

[58] Field of Search ..... 280/816, 821,  
280/822; 135/65, 72; 294/25

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## [57] ABSTRACT

A quick release skip pole strap system includes a novel ski pole strap that attaches to a ski pole grip. A locking mechanism within the ski pole grip automatically engages with a strap pin. A button attached to a side of the ski pole grip, when depressed, causes the strap pin to automatically eject from the ski pole grip decoupling the skier from the ski pole. The skier can depress the button without having to remove his hands from the ski pole grips. The ski pole strap in one embodiment is made of an elastic material that automatically pulls the pin from the ski pole grip and holds the ski pole in a "ready to plant" position.

7 Claims, 5 Drawing Sheets

